

ABSTRACT OF THE DISCLOSURE

An infrared radiation source has a radiation-transparent, gas-tight tube made of electrically insulating material, in which a heat conductor made of carbon strip is arranged. The heat conductor has two ends, which are respectively electrically and mechanically connected to bushings made of molybdenum and/or tungsten and/or tantalum, and the bushings are respectively connected via current feed-through leads with electrical connections projecting from the tube. The two ends of the heat conductor are respectively connected to one of the bushings by a metallic solder, which contains at least one of the metals titanium, zirconium or hafnium.